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TECH CENTER 1600/2900



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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\CRF3\07222002\I548998D.raw

Does Not Comply

Corrected Diskette Needed

1 <110> APPLICANT: EBERSOLE, RICHARD C.
2 HENDRICKSON, EDWIN
3 <120> TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS FOR THE IDENTIFICATION OF
4 DECHLORINATING BACTERIA
5 <130> FILE REFERENCE: BC1002 US NA
C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/548,998D
7 <141> CURRENT FILING DATE: 2002-06-13
8 <150> PRIOR APPLICATION NUMBER: 60/129,511
9 <151> PRIOR FILING DATE: 1999-04-15
10 <160> NUMBER OF SEQ ID NOS: 60
11 <170> SOFTWARE: Microsoft Office 97

ERRORED SEQUENCES

165 <210> SEQ ID NO: 7
166 <211> LENGTH: 1443
167 <212> TYPE: DNA
168 <213> ORGANISM: Dehalococcoides ethenogenes
169 <400> SEQUENCE: 7
170 gatgaacgct agcggcgtgc cttatgcatg caagtcgaac ggtcttaagc aattaagata 60
171 gtggcaaacg ggtgagtaac gcgtaagtaa cctacctcta agtgggggat agcttcggga 120
172 aactgaaggt aataccgcat gtgatgggct gacataagtc ggttcattaa agccgcaagg 180
173 tgcttggtga ggggcttgcg tccgattage tagttggtgg ggtaatggtc taccaaggct 240
174 tccatcggtg gctgggtctga gaggatgac agccacactg ggactgagac acggggccaga 300
175 ctccacggg aggcagcagc aggaatctt gggcaatggg cgaaagcctg acccagcaac 360
176 gccgcgtgag ggatgaaggc ttccggggtt taaacctctt ttcacaggga agaataatga 420
177 cggtaacctg ggaataaget tccgctaact acgtgccagc agccgoggtg atacgtaggg 480
178 aagcaagcgt tatccggatt tattgggcgt aaagtgagcg taggtggtct ttcaagttgg 540
179 atgtgaaatt tcccggttta accgggacgt gtcattcaat actgttggac tagagtacag 600
180 caggagaaaa cggaattccc ggtgtagtgg taaaatgcgt agatatcggg aggaacacca 660
181 gaggcgaagg cggttttcta ggttgctact gacactgagg ctcgaaagcg tggggagcga 720
182 acagaattag atactctggt agtccacgcc ttaaactatg gacactaggt atagggagta 780
183 tcgacctct ctgtgccgaa gctaacgctt taagtgtccc gcctggggag tacggtcgca 840
184 aggctaaaac tcaaagggaat tgacgggggc ccgcacaagc agcggagcgt gtggtttaat 900
185 tcgatgctac acgaagaact taccaagatt tgacatgcat gaagttagta accgaaaggg 960
186 aaacgacctg ttaagtcagg agtttgacac ggtgctgcat ggctgtcgtc agctcgtgcc 1020
187 gtgaggtggt gggttaagtc ctgcaacgag cgcaacctg ttgctagtta aattttctag 1080
188 cgagactagc gagactgccc cgcgaaacgg ggaggaaggt ggggatgacg tcaagtcagc 1140
189 atggccttta tatcttgggc tacacacacg ctacaatgga cagaacaata ggttgcaaca 1200
190 gtgtgaactg gagctaattc ccaaagctgt cctcagttcg gattgcaggg tgaaaccggc 1260
191 ctgcatgaag ttggagttgc tagtaaccgc atatcagcaa ggtgcggtga atacgttctc 1320
E--> 192 gggccttgta cacaccgccc gtcacgtcat ganagccggt aacacttgaa gtcgatgtgc 1380

→ not detected in
sequence. see p. 3
for explanation

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\Crf3\07222002\I548998D.raw

193	caaccgcaag gaggcagtcg ccgaggggtgg gactggtaat tgggacgaag tcgtaacaag	1440
194	gta	1443

VARIABLE LOCATION SUMMARY

DATE: 07/22/2002

PATENT APPLICATION: US/09/548,998D

TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw
Output Set: N:\Crf3\07222002\I548998D.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 1353

Seq#:8; N Pos. 5,11,18,21,28,37,42

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\Crf3\07222002\I548998D.raw

L:6 M:270 C: Current Application Number differs, Wrong Format
L:192 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
L:200 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:204 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:208 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:212 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:216 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:220 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:224 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:354 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:386 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:390 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:394 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:398 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:402 M:256 W: Invalid Numeric Header Field, <220> has non-blank data